

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently amended) A computer-implemented interactive user messaging system comprising:

a processor coupled to memory, the processor executes:

a receiver component that receives a message component corresponding to an event, the event includes at least one of an error, a determinations of potential for an error, or an information prompt;

the message component includes a plurality of messages, each message from the plurality of messages relates to at least a part of the event, the message component hierarchically organizes the plurality of messages from a high level description of the event to a low level description of the event;

each message of the plurality of messages comprises a context component that provides a user context regarding an operational source of the message and a rationale component that provides a reason for the message; ~~and~~

an assist component that provides a plurality of menu items corresponding to respective messages in the plurality of messages of the message component, each menu item includes a link to an informational source that provides at least one of information or a corrective action associated with the corresponding message, the corresponding message is highlighted as a user hovers on a respective menu item; and

a format component that formats a user interface employed to display messages in accordance with format information included in the messages component, the format information includes graphical objects and associated functionality that are to be available to a user.

2-3. (Cancelled).

4. (Previously presented) The system of claim 1, further comprising an advanced help component that provides technical information about the event.
5. (Original) The system of claim 4, wherein the technical information is a stack trace.
6. (Previously presented) The system of claim 1, further comprising a message distribution component for capturing message text from a user interface, the message distribution component provides the captured message text to a designated application.
7. (Original) The system of claim 6, wherein the message text is copied to a clipboard for further use by other applications.
8. (Original) The system of claim 6, wherein the message text is copied to the body of a new email message.
9. (Original) The system of claim 1, further comprising a feedback component that provides a message corresponding to an event to a developer or company database.
10. (Original) The system of claim 1, further comprising a command component that receives a command instruction from a user.
11. (Original) The system of claim 10, wherein the command informs a client that a user desires to issue a particular command.
12. (Cancelled).

13. (Previously presented) A computer-implemented interactive user message display system that includes at least one processor that executes computer-readable instructions, comprising:

means for receiving a plurality of messages corresponding with an operation event, the event can include at least one of an error, a determinations of potential for an error, or an information prompt, each message includes means for providing a user context regarding an source of the message and means for providing a reason for the message;

means for organizing the messages from the plurality of messages as a hierarchy from a high level description of the operation event to a low level description of the operation event;

means for associating menu items with respective messages, the menu items provide at least one of information or a corrective action associated with the messages;

means for formatting a user interface based upon format information in the plurality of messages; and

means for displaying the user interface in accordance with the formatting.

14. (Original) The system of claim 13, further comprising means for copying message text from the display system for use with other systems or applications.

15. (Previously presented) The system of claim 13, wherein the menu items are links to web pages containing specific information related to the message.

16. (Previously presented) A computer-implemented method for providing users with help associated with computer system events comprising:

receiving a message component relating an event that includes at least one of an error, a determination of potential for an error or an information prompt, the message component comprises a plurality of messages, each message of the plurality of messages relates to an aspect of the event;

generating a list of messages retrieved from the message component, the messages are hierarchically organized from a high level description of the event to a low level description of the event;

generating menu items associated with each message in the list of messages, the menu items include at least one of information or a corrective action associated with the messages;

analyzing format information included in the message component, the format information specifies graphical objects and associated functionality that are to be available to a user in a user interface employed to display the list of messages;

presenting the user interface that includes the list of messages from the message component associated with the event and the menu items associated with each message in the list of the messages;

receiving a menu item selection; and

providing the at least one of information or corrective action corresponding to the selected item.

17. (Canceled)

18. (Original) The method of claim 16, wherein the menu items are help links to web pages comprising information related to a particular message.

19. (Original) The method of claim 16, wherein the menu items generate a query for a database.

20-24. (Cancelled).

- 25. (Previously presented) The method of claim 16, wherein the menu items include a pointer to a corrective mechanism.
- 26. (Previously presented) The method of claim 16, wherein the corrective action includes correcting an error.
- 27. (Previously presented) The method of claim 16, wherein the information corresponding to the selected item includes a stack trace.
- 28. (Previously presented) The method of claim 16, further comprising capturing the message text.
- 29. (Original) The method claim 28, further comprising opening a new email and copying the captured message text to the body of the email.
- 30. (Cancelled).